

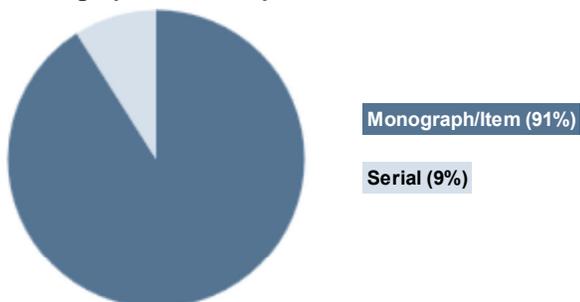
Federal Library Bibliographic Record Analysis
2014

The Scientific Library - National Cancer Institute at Frederick National Cancer Institute at Frederick

<http://www-library.ncifcrf.gov>

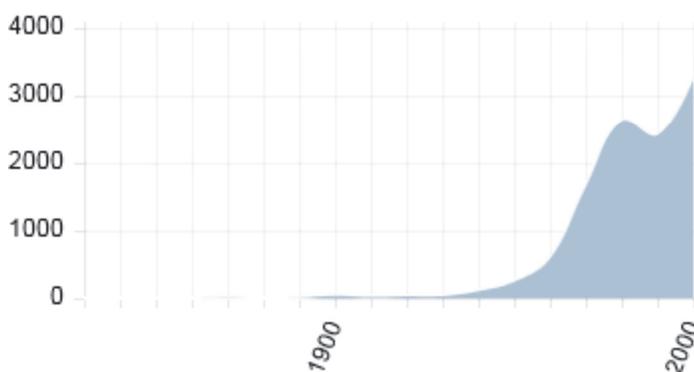
The Scientific Library at the National Cancer Institute at Frederick serves government and contractor personnel by obtaining and disseminating information necessary for research and administration. Wilson Information Services Corporation (WISCO), of New Market, Maryland, is responsible for providing library services to the NCI at Frederick community.

Bibliographic level as percent of total records

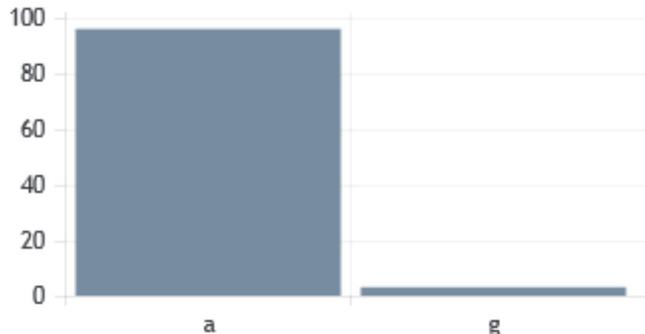


12,224
total records

Bibliographic records by date of publication



Type of record as percent of total records



a = Language material (96%)
g = Projected medium (3%)

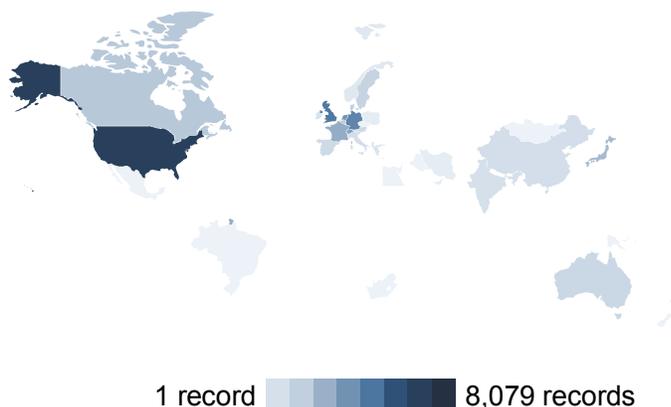
Top 10 languages of publication

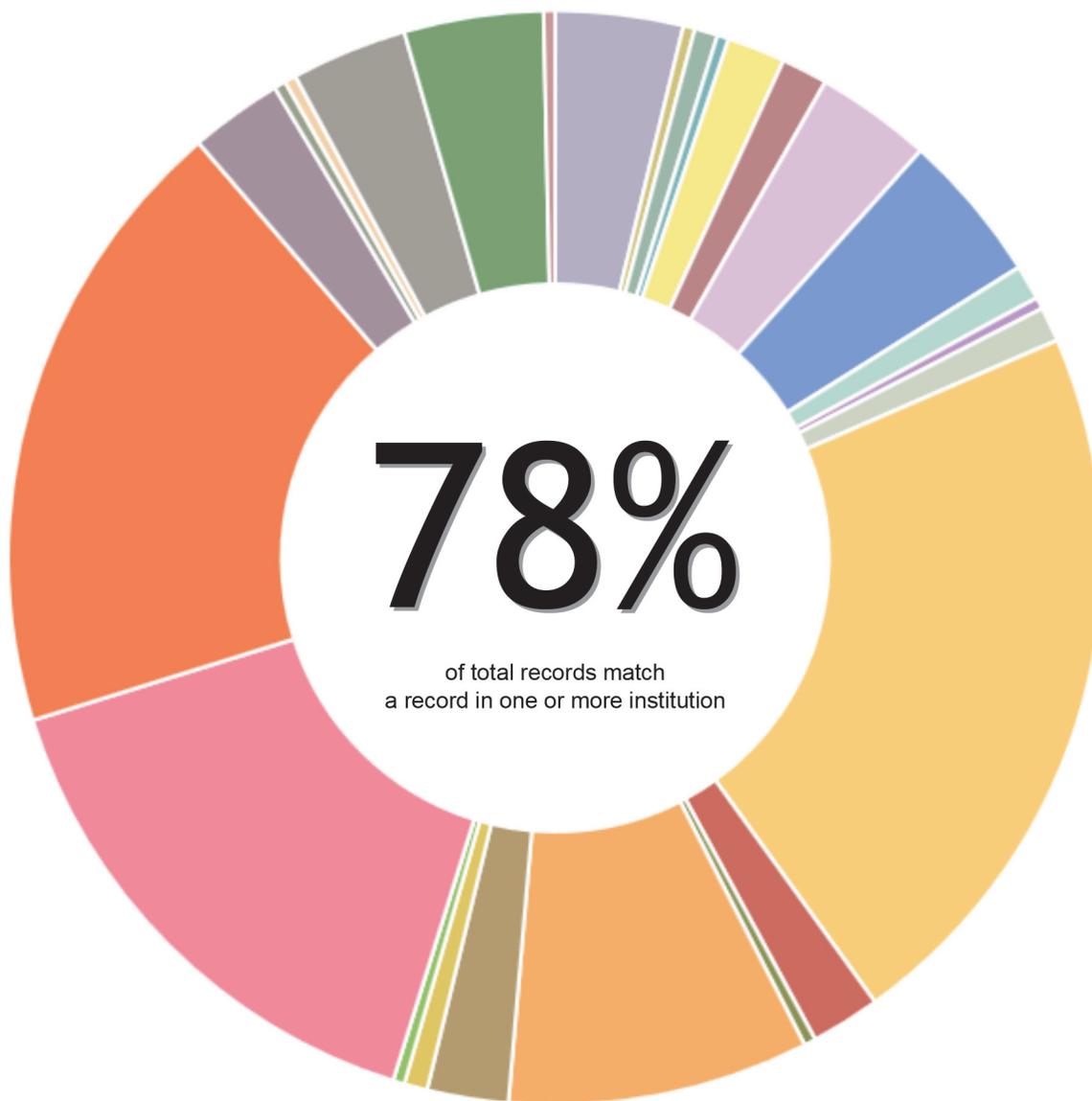
language	number of records
English	11,788
Undetermined	374
German	16
Multiple languages	9
Japanese	6
French	6
No linguistic content	4
Persian	3
Chinese	2
Spanish	2

Ten most commonly occurring main titles

1. current topics in microbiology and immunology (27)
2. biomembranes (19)
3. cancer (13)
4. journal of the chemical society (13)
5. methods of enzymatic analysis (13)
6. immunochemical techniques (12)
7. hormone action (11)
8. vitamins and coenzymes (11)
9. cumulative subject index (8)
10. immunology (8)

Country of publication



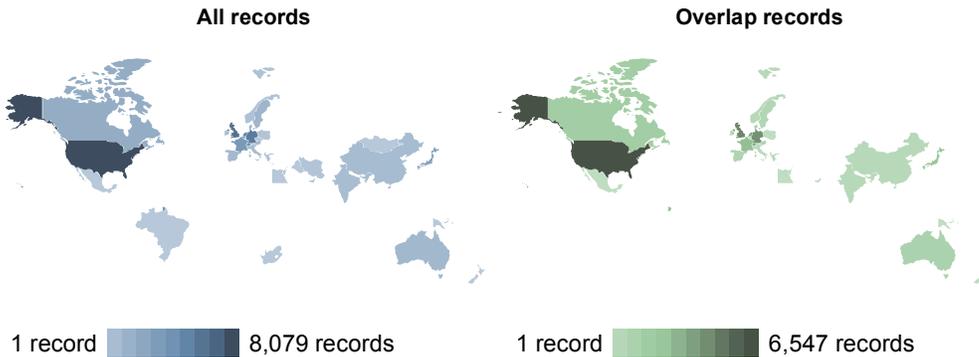


Percent of total bibliographic records matching, by institution

USAFA 10.59%	USDKL 3.64%	USGCM 0.53%	USNAV 6.71%	USNLM 54.23%	USUSU 11.98%
USAFB 0.58%	USEPA 10.41%	USGSL 3.20%	USNDD 2.20%	USNOA 8.43%	USWHS 1.13%
USAIR 1.79%	USFDA 13.04%	USLOC 63.00%	USNDN 1.15%	USNTL 1.01%	
USARL 1.33%	USFHA 0.15%	USMAL 5.76%	USNFS 0.40%	USNWC 1.01%	
USCGA 5.33%	USFSL 2.93%	USMCU 0.83%	USNIH 45.40%	USSIL 10.30%	

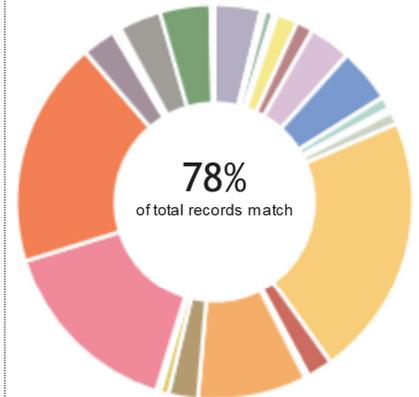
All Years

Country of publication

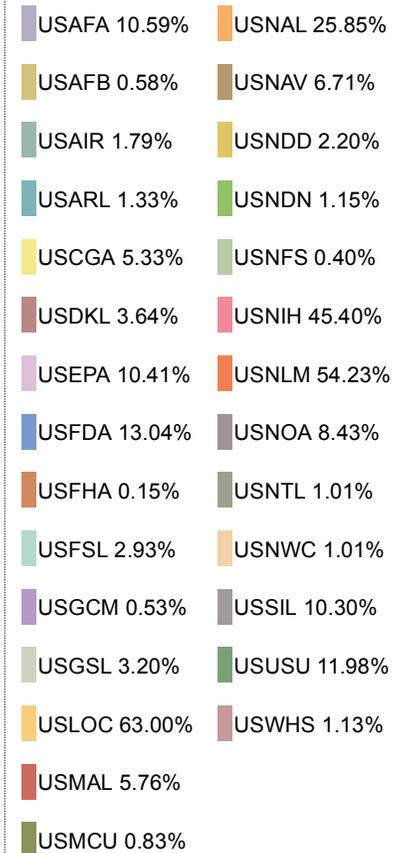


12,224

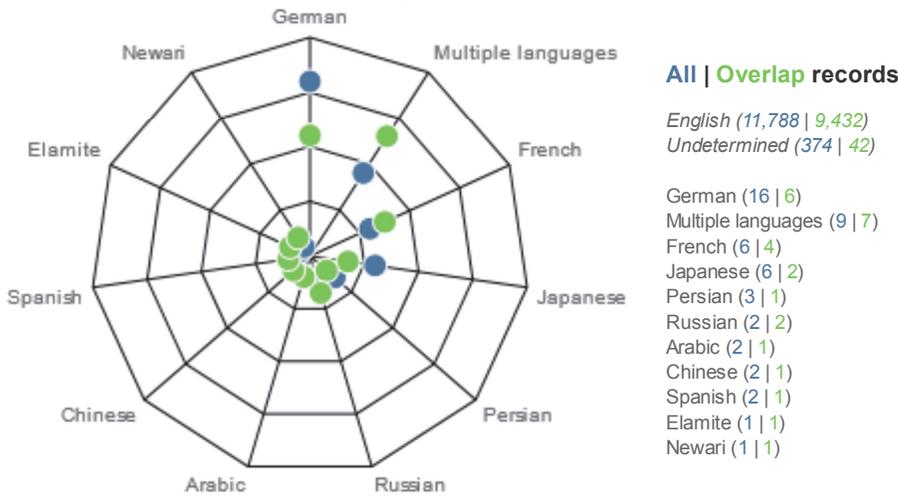
total records



Percent of total bibliographic records matching, by institution



Language of publication (chart excludes English and Undetermined)



Frequently occurring subject terms

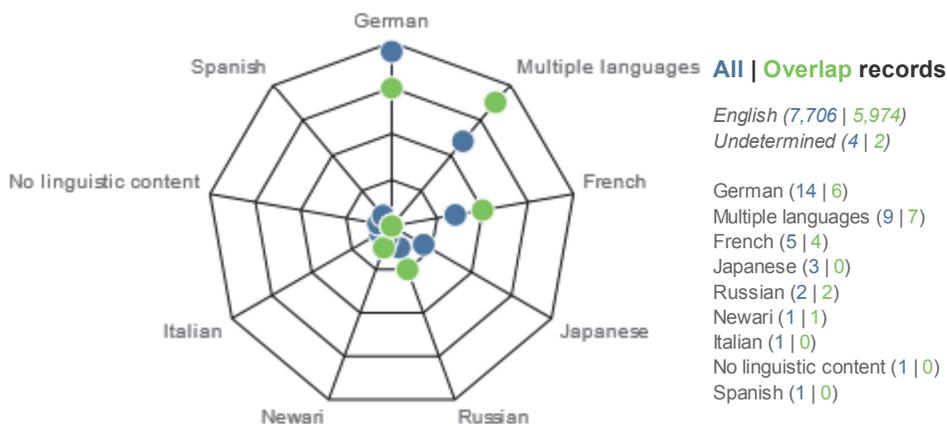
All records		Overlap records	
subject term	records	subject term	records
congresses	2,199	congresses	1,440
neoplasms	1,143	neoplasms	849
methods	927	methods	815
physiology	672	laboratory manuals	599
laboratory manuals	644	physiology	573
genetics	643	genetics	542
immunology	471	immunology	374
molecular biology	402	molecular biology	326
analysis	350	analysis	287
metabolism	296	metabolism	249
therapy	295	proteins	233
proteins	277	therapy	233
drug therapy	274	therapeutic use	218
therapeutic use	259	drug therapy	206
etiology	249	etiology	193
united states	239	biochemistry	191
biochemistry	219	united states	170
prevention & control	185	chemistry	147
history	181	diagnosis	141
cytology	179	cytology	138

20th Century

Country of publication



Language of publication (chart excludes English and Undetermined)

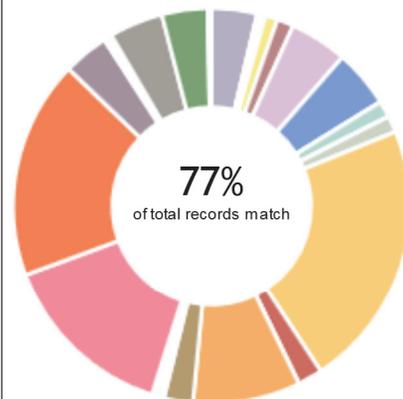


Frequently occurring subject terms

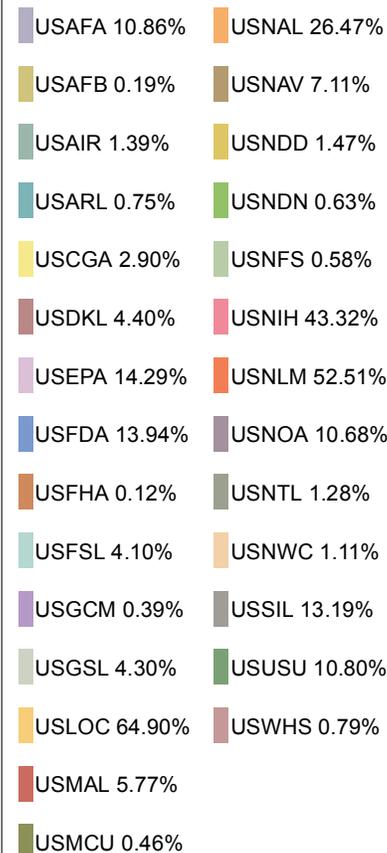
All records	
subject term	records
congresses	1,949
neoplasms	800
physiology	339
methods	326
immunology	321
genetics	297
molecular biology	249
analysis	243
etiology	200
metabolism	197
laboratory manuals	196
proteins	175
carcinogens	158
therapy	155
drug therapy	152
biochemistry	149
enzymes	129
cell transformation, neoplastic	126
pathology	121
prevention & control	118

Overlap records	
subject term	records
congresses	1,291
neoplasms	551
physiology	273
methods	269
immunology	253
genetics	248
molecular biology	193
analysis	187
laboratory manuals	167
metabolism	165
etiology	149
proteins	143
biochemistry	135
therapy	109
carcinogens	99
drug therapy	97
enzymes	96
cell transformation, neoplastic	89
pathology	84
microbiology	83

7,747
total records



Percent of total bibliographic records matching, by institution

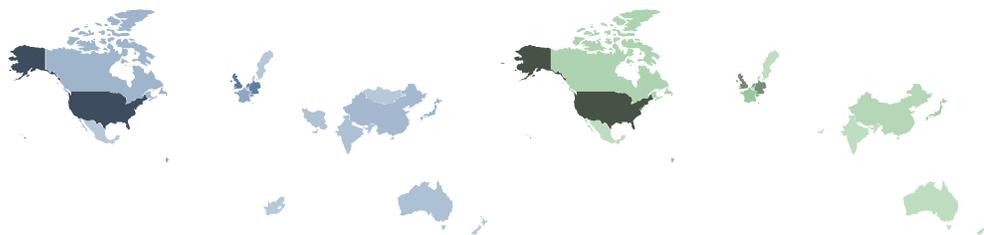


21st Century - the first decade

Country of publication

All records

Overlap records

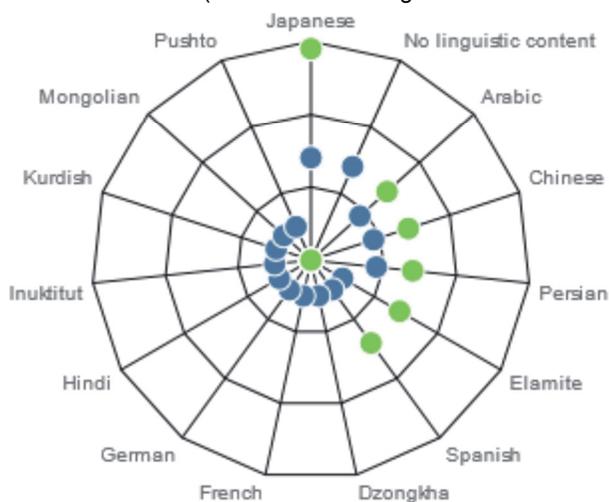


1 record 2,363 records

1 record 1,950 records

Language of publication

(chart excludes English and Undetermined)



All | Overlap records

English (3,539 | 2,993)
Undetermined (1 | 1)

Japanese (3 | 2)
No linguistic content (3 | 0)
Arabic (2 | 1)
Chinese (2 | 1)
Persian (2 | 1)
Elamite (1 | 1)
Spanish (1 | 1)
Dzongkha (1 | 0)
French (1 | 0)
German (1 | 0)
Hindi (1 | 0)
Inuktitut (1 | 0)
Kurdish (1 | 0)
Mongolian (1 | 0)
Pusho (1 | 0)

Frequently occurring subject terms

All records

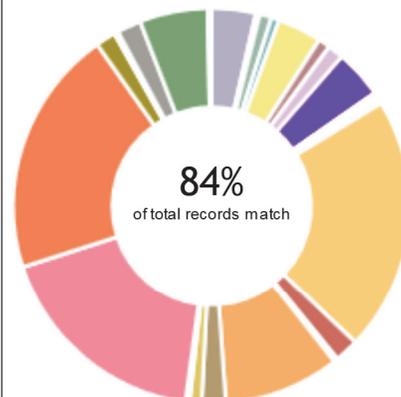
subject term	records
methods	503
laboratory manuals	383
physiology	302
genetics	295
neoplasms	293
congresses	205
molecular biology	136
therapeutic use	136
united states	136
drama	122
therapy	119
drug therapy	108
history	108
immunology	108
popular works	108
analysis	94
proteins	85
genomics	81
metabolism	79
signal transduction	78

Overlap records

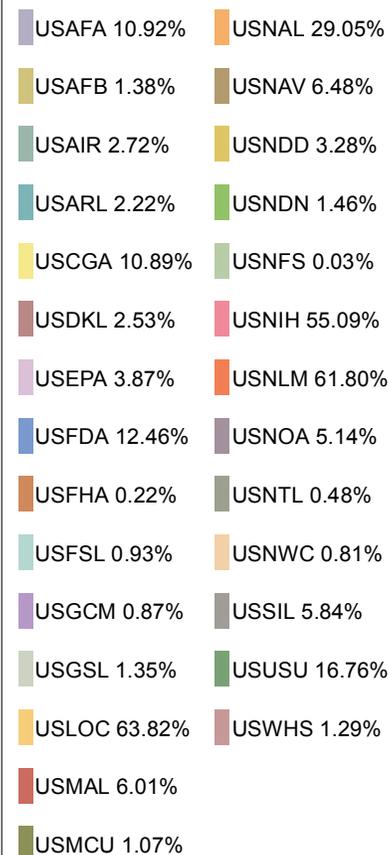
subject term	records
methods	471
laboratory manuals	381
physiology	279
genetics	262
neoplasms	262
congresses	142
therapeutic use	125
molecular biology	124
therapy	106
drug therapy	99
immunology	99
united states	93
analysis	91
proteins	79
history	75
signal transduction	75
genomics	69
metabolism	68
computational biology	65
chemistry	61

3,563

total records



Percent of total bibliographic records matching, by institution

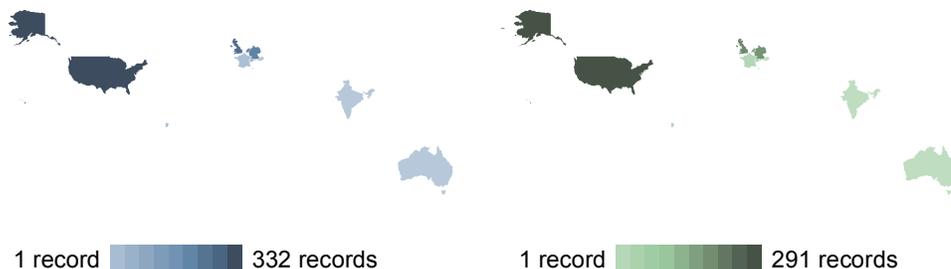


Other (pre-1500, post-2010, or insufficient information)

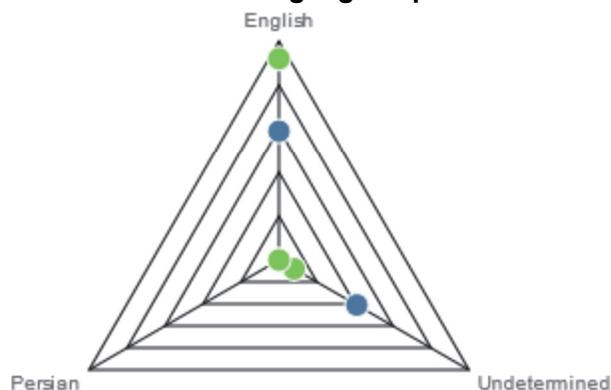
Country of publication

All records

Overlap records



Language of publication

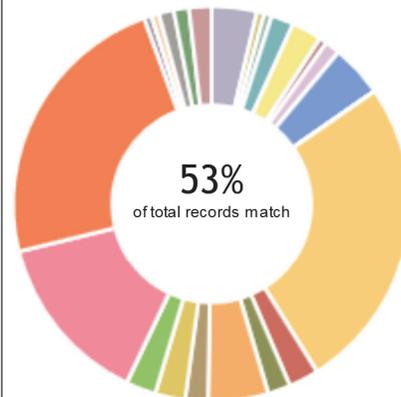


All | Overlap records

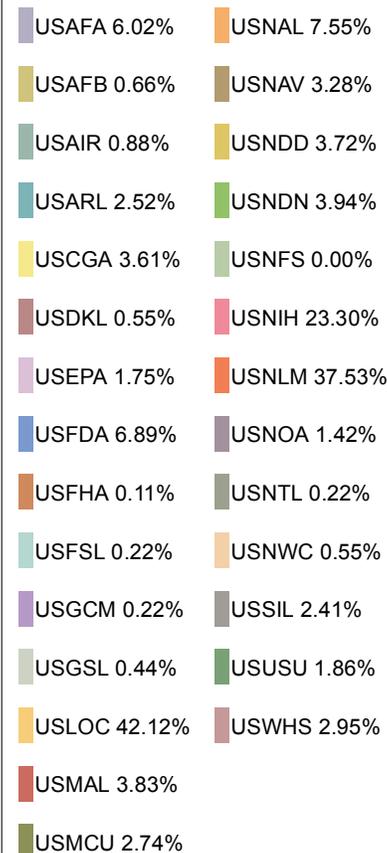
English (522 | 447)
 Undetermined (369 | 39)
 Persian (1 | 0)

914

total records



Percent of total bibliographic records matching, by institution



Frequently occurring subject terms

All records

Overlap records

subject term	records
methods	98
laboratory manuals	65
videocassettes	61
genetics	51
neoplasms	50
congresses	45
immunology	42
physiology	31
drug discovery	23
popular works	21
therapeutic use	21
therapy	21
genome	20
lectures	20
metabolism	20
computational biology	17
molecular biology	17
proteins	17
drug design	16
biotechnology	15

subject term	records
methods	75
laboratory manuals	51
neoplasms	36
genetics	32
drug discovery	22
immunology	22
physiology	21
therapy	18
therapeutic use	17
computational biology	16
metabolism	16
diagnosis	13
pharmacology	13
drug design	12
proteins	11
drug therapy	10
analysis	9
biotechnology	9
history	9
molecular biology	9

The Scientific Library - National Cancer Institute at Frederick

Top 100 Library of Congress and National Library of Medicine Classifications**

{ Library of Congress/National Library of Medicine Classification and description (number of records mapped to classification) }

- | | | |
|---|---|--|
| 1. QU Biochemistry. Cell Biology and Genetics (2,074) | 34. WF Respiratory System (29) | 68. LB Theory and practice of education (4) |
| 2. QZ Pathology (1,491) | 35. HF Commerce (24) | 69. PC Romanic languages (3) |
| 3. QW Microbiology and Immunology (1,341) | 36. QX Parasitology (24) | 70. JK Political institutions and public administration (United States) (3) |
| 4. QH Natural history Biology (1,163) | 37. QP Physiology (20) | 71. WW Ophthalmology (3) |
| 5. W General Medicine. Health Professions (372) | 38. HA Statistics (20) | 72. K Law in general. Comparative and uniform law. Jurisprudence (3) |
| 6. QV Pharmacology (351) | 39. PE English language (18) | 73. TJ Mechanical engineering and machinery (3) |
| 7. QD Chemistry (346) | 40. WO Surgery (18) | 74. SH Aquaculture. Fisheries. Angling (3) |
| 8. Z Books (General). Writing. Paleography. Book industries and trade. Libraries. Bibliography (263) | 41. WM Psychiatry (18) | 75. WV Otolaryngology (3) |
| 9. WC Communicable Diseases (218) | 42. TD Environmental technology. Sanitary engineering (18) | 76. QR Microbiology (3) |
| 10. QA Mathematics (211) | 43. KF United States (17) | 77. RC Internal medicine (2) |
| 11. WH Hemic and Lymphatic Systems (210) | 44. WR Dermatology (16) | 78. CT Biography (2) |
| 12. WA Public Health (209) | 45. T Technology (General) (15) | 79. E American History (2) |
| 13. QY Clinical Pathology (185) | 46. WG Cardiovascular System (14) | 80. RS Pharmacy and materia medica (2) |
| 14. TP Chemical technology (170) | 47. SB Horticulture. Plant propagation. Plant breeding (14) | 81. PL Languages and literatures of Eastern Asia, Africa, Oceania (2) |
| 15. WZ History of Medicine. Medical Miscellany (119) | 48. WT Geriatrics. Chronic Disease (13) | 82. QE Geology (2) |
| 16. QS Human Anatomy (104) | 49. TA Engineering Civil engineering (General) . (13) | 83. LC Special aspects of education (2) |
| 17. Q Science (General) (96) | 50. PN Literature (General) (12) | 84. WU Dentistry. Oral Surgery (2) |
| 18. WL Nervous System (91) | 51. BF Psychology (12) | 85. AS Academies and learned societies (2) |
| 19. SF Animal husbandry. Animal science (87) | 52. WQ Obstetrics (10) | 86. PR English literature (2) |
| 20. WP Gynecology (85) | 53. UG Military engineering. Air forces (9) | 87. NC Drawing. Design. Illustration (2) |
| 21. QL Zoology (75) | 54. G Geography (General). Atlases. Maps (8) | 88. AY Yearbooks. Almanacs. Directories (1) |
| 22. WI Digestive System (71) | 55. TH Building construction (8) | 89. B Philosophy (General) (1) |
| 23. WK Endocrine System (61) | 56. HV Social pathology. Social and public welfare. Criminology (6) | 90. TR Photography (1) |
| 24. WD Disorders of Systemic, Metabolic or Environmental Origin, etc. (60) | 57. GV Recreation. Leisure (6) | 91. BJ Ethics (1) |
| 25. QC Physics (60) | 58. PG Slavic languages and literatures. Baltic languages. Albanian language (5) | 92. BL Religions. Mythology. Rationalism (1) |
| 26. HD Industries. Land use. Labor (48) | 59. WX Hospitals and Other Health Facilities (5) | 93. PA Greek language and literature. Latin language and literature (1) |
| 27. TK Electrical engineering. Electronics. Nuclear engineering (47) | 60. PS American literature (5) | 94. HB Economic theory. Demography (1) |
| 28. QK Botany (44) | 61. GN Anthropology (5) | 95. GC Oceanography (1) |
| 29. WN Radiology. Diagnostic Imaging (43) | 62. WS Pediatrics (5) | 96. QB Astronomy (1) |
| 30. QT Physiology (41) | 63. S Agriculture (General) (5) | 97. GT Manners and customs (General) (1) |
| 31. WJ Urogenital System (32) | 64. TS Manufacturing engineering. Mass production (4) | 98. PZ Fiction and juvenile belles lettres (1) |
| 32. WB Practice of Medicine (32) | 65. HM Sociology (General) (4) | 99. KFM Law of the United States. Individual States (1) |
| 33. WE Musculoskeletal System (31) | 66. JF Political institutions and public administration (4) | 100. RA Public aspects of medicine (1) |
| | 67. ZA Information resources (General) (4) | |

**The use of Library of Congress (LCC) and National Library of Medicine (NLMC) classifications for topical analysis is experimental and intended to demonstrate future potential for topical analysis. In addition to the MARC 050 and 060 fields, other, non-standard fields, which contained LCC and NLM numbers were also used.